

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052523AL\
 Data File : FE042212.D
 Signal(s) : FID1B.ch
 Acq On : 25 May 2023 12:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 26 03:16:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.960	3670606	20.787 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	13.395	2690792	20.250 ug/ml
Spiked Amount 50.000		Recovery =	40.50%
Target Compounds			
1) T n-Nonane (C9)	3.345	2962366	20.544 ug/ml
2) T n-Decane (C10)	4.595	3034929	20.501 ug/ml
3) T A~Naphthalene (C11.7)	6.301	3365719	20.628 ug/ml
4) T n-Dodecane (C12)	6.762	3092985	20.626 ug/ml
5) T A~2-methylnaphthalene...	7.397	3255771	20.515 ug/ml
6) T n-Tetradecane (C14)	8.590	3085126	20.594 ug/ml
7) T n-Hexadecane (C16)	10.197	3211855	20.619 ug/ml
8) T n-Octadecane (C18)	11.640	3256370	20.592 ug/ml
10) T n-Eicosane (C20)	12.950	3116729	20.561 ug/ml
11) T n-Heneicosane (C21)	13.561	3042160	20.534 ug/ml
13) T n-Docosane (C22)	14.148	3009798	20.531 ug/ml
14) T n-Tetracosane (C24)	15.250	2944971	20.401 ug/ml
15) T n-Hexacosane (C26)	16.271	2851393	20.588 ug/ml
16) T n-Octacosane (C28)	17.220	2783474	20.790 ug/ml
17) T n-Tricontane (C30)	18.108	2866977	21.238 ug/ml
18) T n-Dotriacontane (C32)	18.940	2811284	21.044 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2654877	20.188 ug/ml
20) T n-Hexatriacontane (C36)	20.463	2517856	19.372 ug/ml
21) T n-Octatriacontane (C38)	21.211	2471170	18.214 ug/ml
22) T n-Tetracontane (C40)	22.143	2461857	17.696 ug/ml

(f)=RT Delta > 1/2 Window

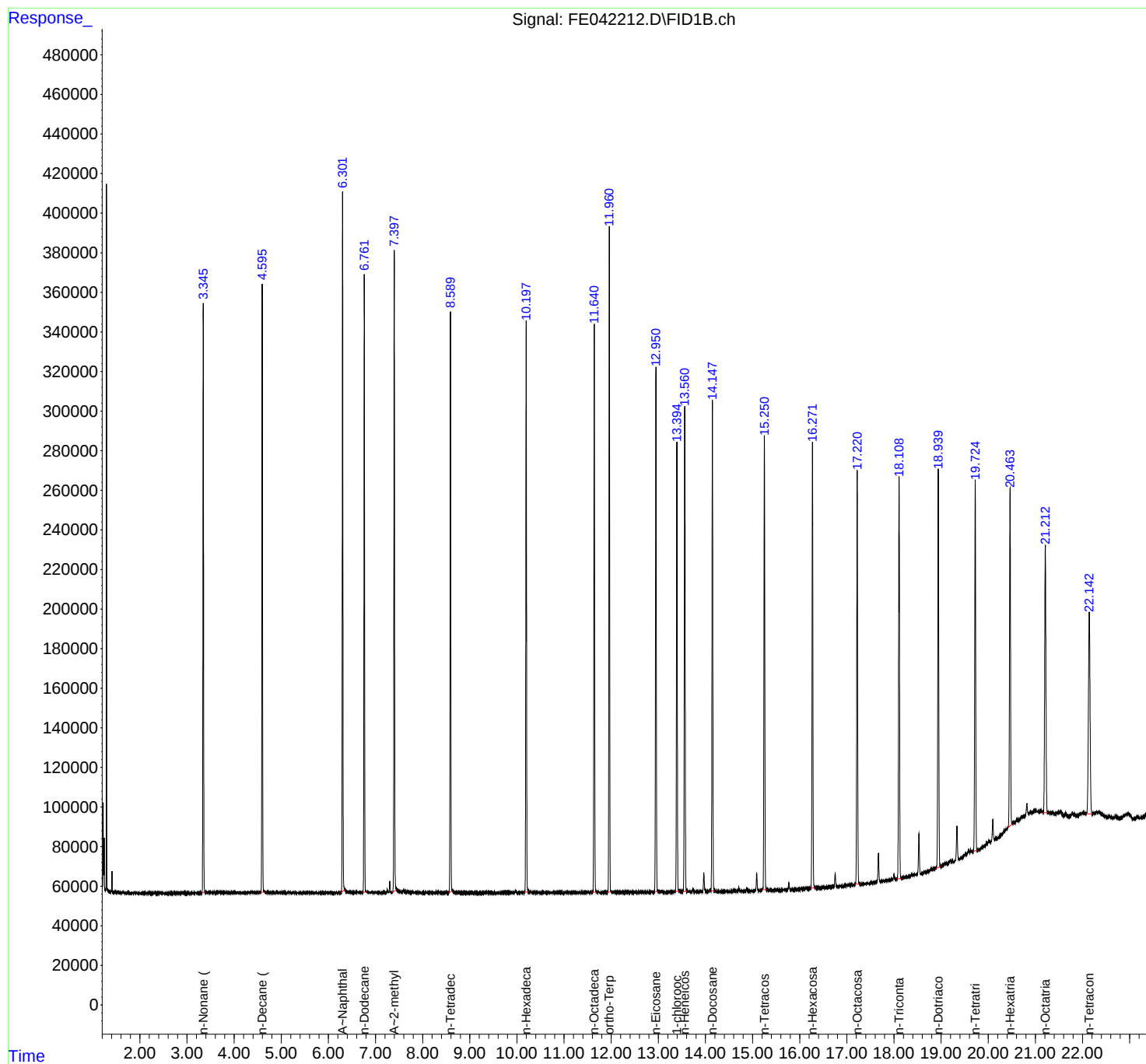
(m)=manual int.

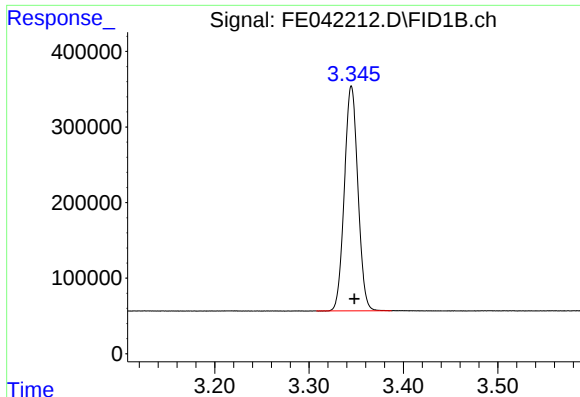
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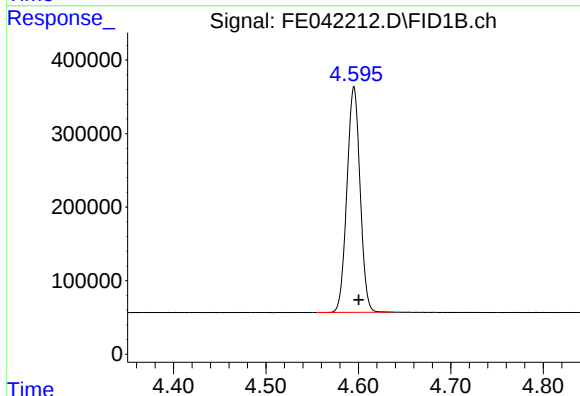




#1 n-Nonane (C9)

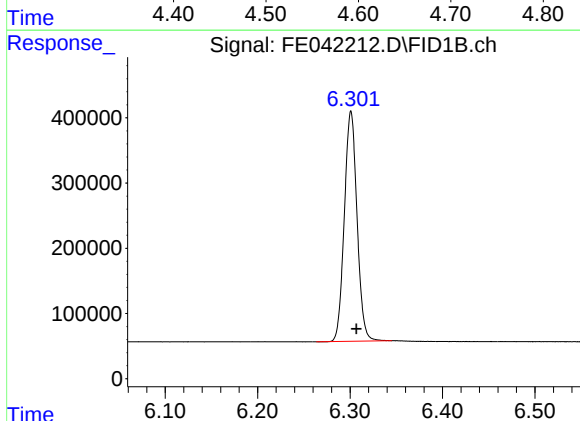
R.T.: 3.345 min
Delta R.T.: -0.003 min
Response: 2962366
Conc: 20.54 ug/ml

Instrument :
FID_E
ClientSampleId :



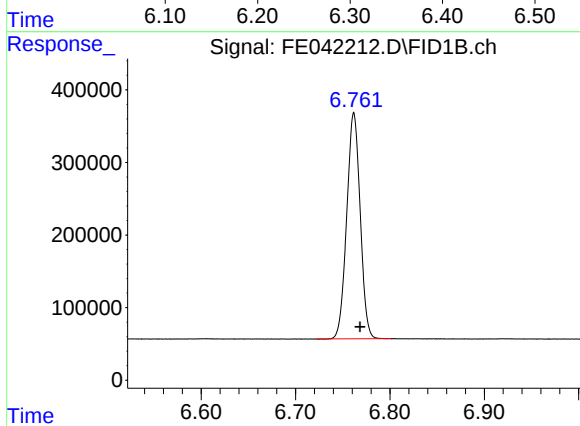
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.005 min
Response: 3034929
Conc: 20.50 ug/ml



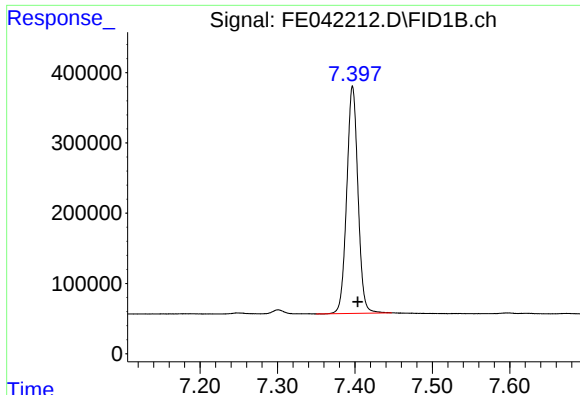
#3 A~Naphthalene (C11.7)

R.T.: 6.301 min
Delta R.T.: -0.006 min
Response: 3365719
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

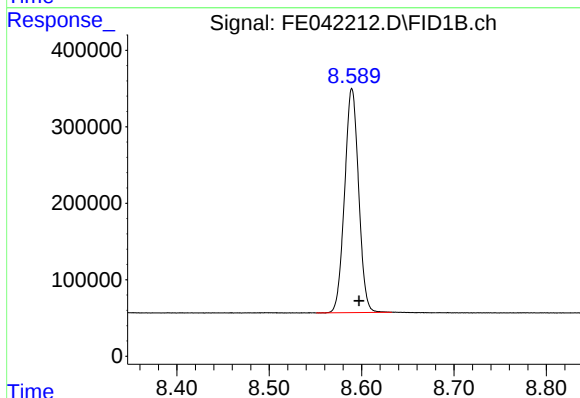
R.T.: 6.762 min
Delta R.T.: -0.006 min
Response: 3092985
Conc: 20.63 ug/ml



#5 A~2-methylnaphthalene (C12.89)

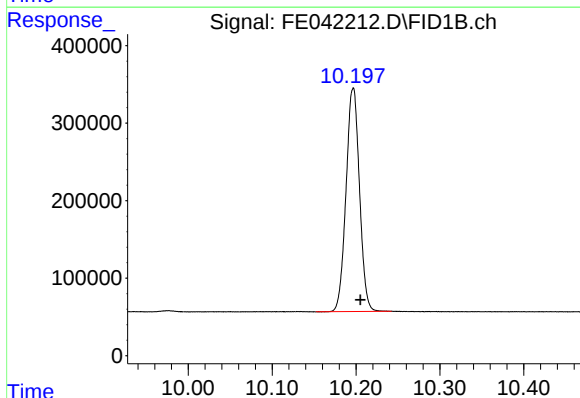
R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 3255771
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :



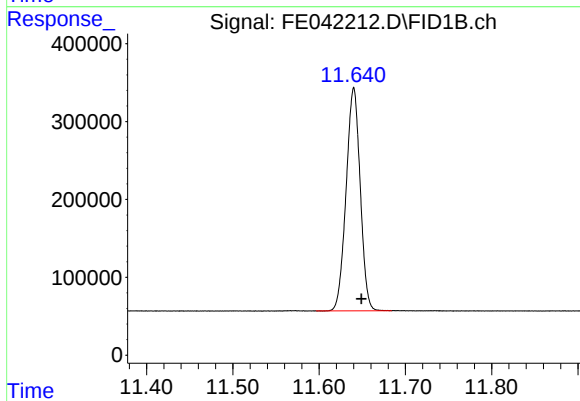
#6 n-Tetradecane (C14)

R.T.: 8.590 min
Delta R.T.: -0.008 min
Response: 3085126
Conc: 20.59 ug/ml



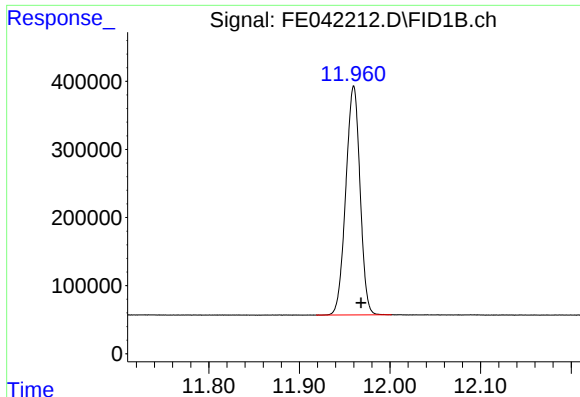
#7 n-Hexadecane (C16)

R.T.: 10.197 min
Delta R.T.: -0.009 min
Response: 3211855
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

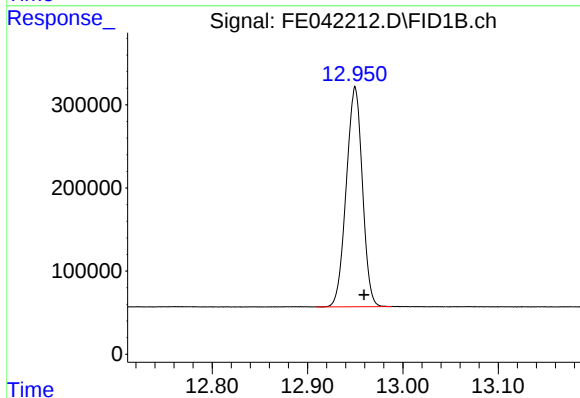
R.T.: 11.640 min
Delta R.T.: -0.009 min
Response: 3256370
Conc: 20.59 ug/ml



#9 ortho-Terphenyl (SURR)

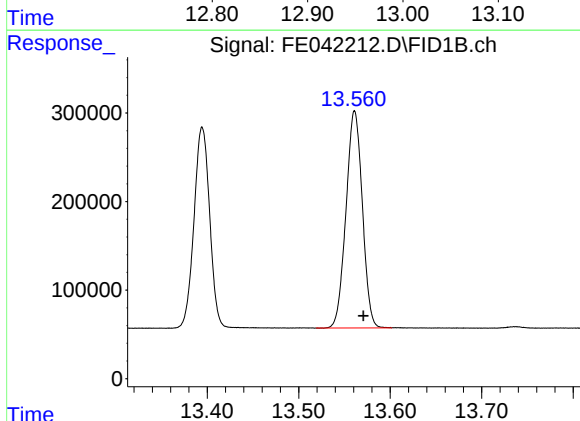
R.T.: 11.960 min
Delta R.T.: -0.008 min
Response: 3670606
Conc: 20.79 ug/ml

Instrument :
FID_E
ClientSampleId :



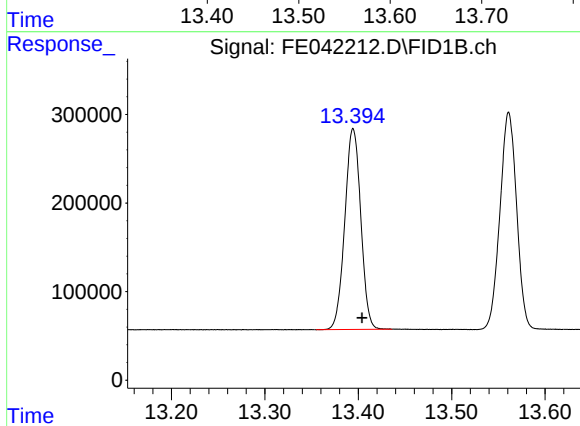
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.009 min
Response: 3116729
Conc: 20.56 ug/ml



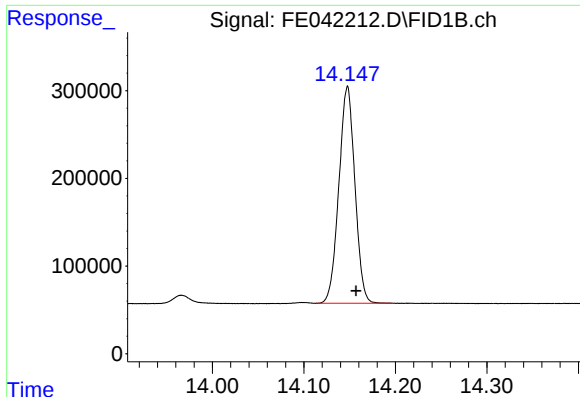
#11 n-Heneicosane (C21)

R.T.: 13.561 min
Delta R.T.: -0.010 min
Response: 3042160
Conc: 20.53 ug/ml



#12 1-chlorooctadecane (SURR)

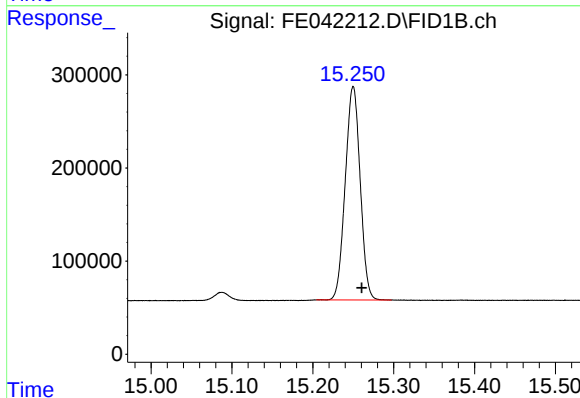
R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 2690792
Conc: 20.25 ug/ml



#13 n-Docosane (C22)

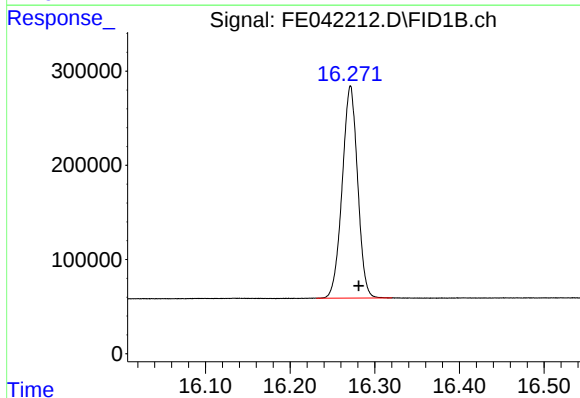
R.T.: 14.148 min
Delta R.T.: -0.009 min
Response: 3009798
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :



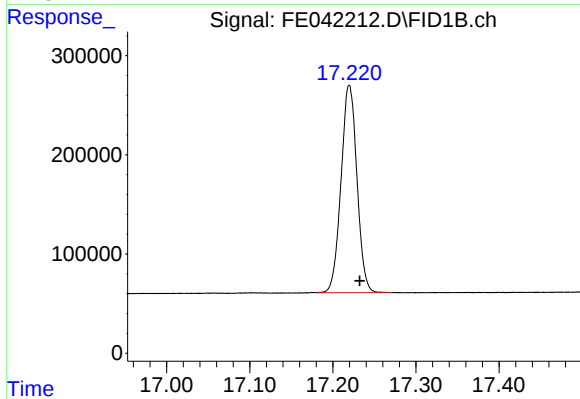
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.011 min
Response: 2944971
Conc: 20.40 ug/ml



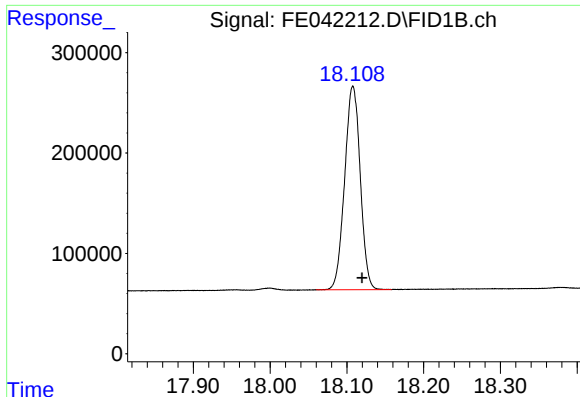
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.010 min
Response: 2851393
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

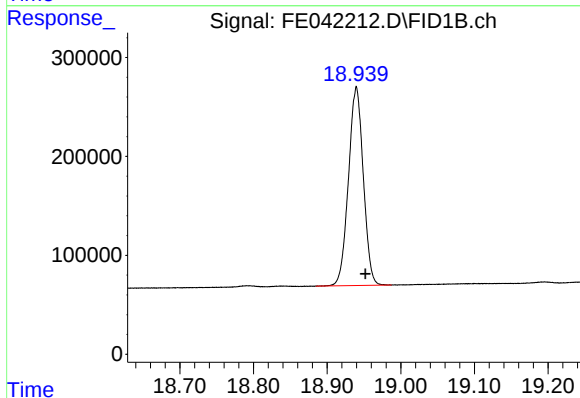
R.T.: 17.220 min
Delta R.T.: -0.013 min
Response: 2783474
Conc: 20.79 ug/ml



#17 n-Tricontane (C30)

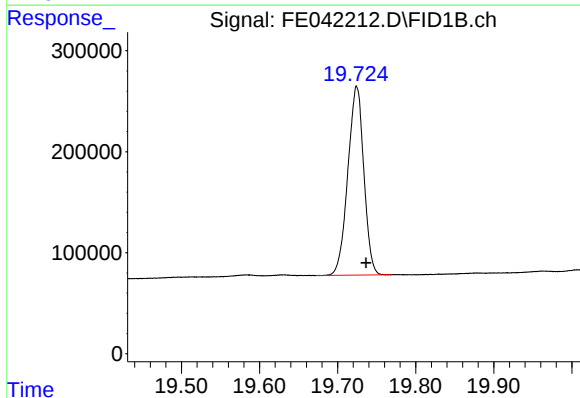
R.T.: 18.108 min
Delta R.T.: -0.012 min
Response: 2866977
Conc: 21.24 ug/ml

Instrument :
FID_E
ClientSampleId :



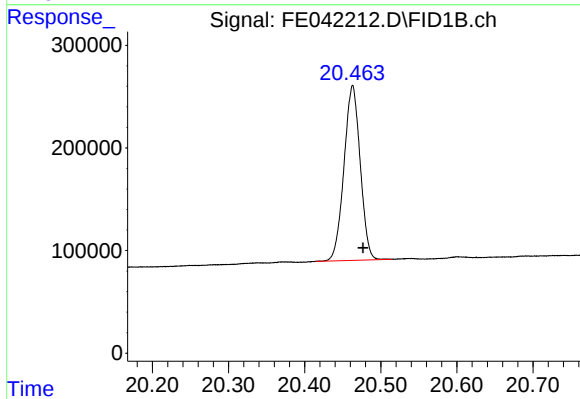
#18 n-Dotriacontane (C32)

R.T.: 18.940 min
Delta R.T.: -0.012 min
Response: 2811284
Conc: 21.04 ug/ml



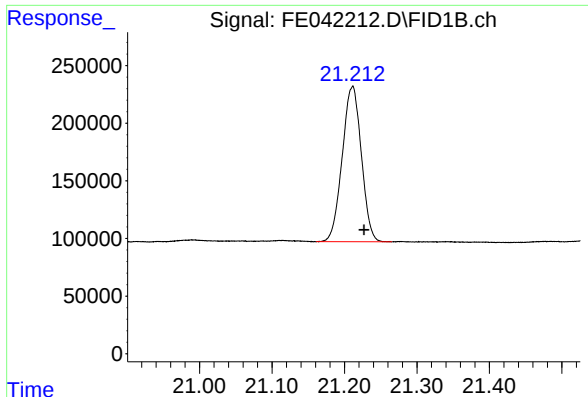
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.012 min
Response: 2654877
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

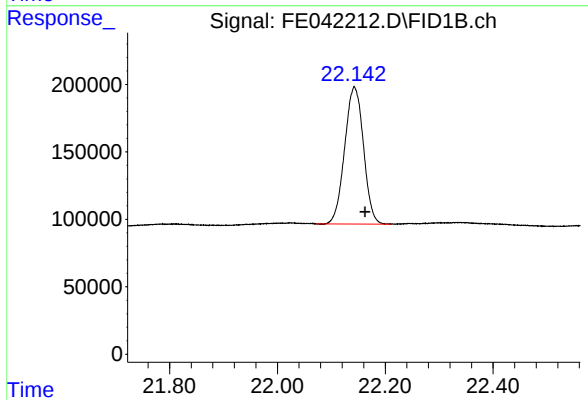
R.T.: 20.463 min
Delta R.T.: -0.014 min
Response: 2517856
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.016 min
Response: 2471170
Conc: 18.21 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.020 min
Response: 2461857
Conc: 17.70 ug/ml